

ANNUAL SHELLFISH MANAGEMENT REVIEW
for the period
January 1st to December 31st, 2007

Municipality: Phippsburg

Date: 02/23/08

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

Statement of Management Goals and Implementation Actions

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☒ provide a harvesting opportunity for the maximum number of participants
☐ maximize individual harvest by minimizing the number of participants
- 2) ☒ increase the clam resource through various enhancement activities
☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☐ provide for recreational harvesting in preference to commercial harvesting
☒ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production
☒ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

The following management activities were undertaken: (check all that apply)

- ☒ predator protection through fencing, netting, trapping and etc.
- ☒ reseeding from high density areas or seeding with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☒ enhance natural seeding through brushing, roughing and etc.
- ☒ establishing conservation areas for flat rotation
- ☐ other:___

Shellfish Committee/Staff**Municipality:** Phippsburg

Title	Name	Mailing Address	Telephone
Chair	<u>Richard Lemont</u>	<u>24 Lemont Way, Phippsburg, ME 04562</u>	<u>389-2105</u>
Vice Chair	<u>Terry Watson</u>	<u>PO Box 66, Phippsburg, ME 04562</u>	<u>443-3165</u>
Secretary	<u>Robert Cummings</u>	<u>616 Main Road, Phippsburg, ME 04562</u>	<u>443-2925</u>
Member(s)	<u>Dean Doyle Jr.</u>	<u>89 Fuller Mountain Rd, Phippsburg, ME 04562</u>	<u>607-2464</u>
	<u>Russell Smith</u>	<u>PO Box 206, Phippsburg, ME 04562</u>	<u>389-9103</u>
	<u> </u>	<u> </u>	<u> </u>
Selectmen/ Council Rep.	<u>Everett Perkins</u>	<u>PO Box 51, Phippsburg, ME 04562</u>	<u>389-2383</u>
Wardens	<u>Doug Alexander</u>	<u>24 Richardson Street, Phippsburg, ME 04562</u>	<u>443-3114</u>
WQSpec(s)	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>

Committee MeetingsThe Shellfish Committee holds regularly scheduled meetings: ☒ yes ☐ noThe following number of meetings was held during the past year: 10Minutes of meetings are recorded, filed and are available upon request: ☒ yes ☐ no**Conservation Credit**The opportunity to obtain conservation credit is provided: ☒ yes ☐ noThe total number of conservation hours needed to obtain credit is 12.Conservation credit is required to obtain a: ☒ renewal license☐ new license

Conservation hours are given for:

<input checked="" type="checkbox"/> meeting attendance	<input checked="" type="checkbox"/> coastal cleanup	<input checked="" type="checkbox"/> brushing
<input checked="" type="checkbox"/> committee service	<input checked="" type="checkbox"/> surveys	<input checked="" type="checkbox"/> predator control
<input checked="" type="checkbox"/> educational activities	<input checked="" type="checkbox"/> reseeding	<input type="checkbox"/>

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is: .

Summary of Warden ActivitiesMunicipality: Phippsburg

Hours Patrolled:	<u>515.5</u>
Diggers Checked:	<u>423</u>
Warnings Given:	<u>14</u>
Summon Issued:	<u>0</u>
Court Appearances:	<u>0</u>
Convictions:	<u>0</u>

Enforcement of the shellfish management ordinance has been: ☒ satisfactory
☐ unsatisfactory

Enforcement could be improved by: ☐ more hours patrolled ☐ better training
☐ more wardens ☐ greater state support
☐ better equipment ☒ other: *None*

The warden is provided with a written job description: ☒ yes ☐ no

Production Data Collected by the Warden

Month	Avg. Daily Catch/Digger		Avg. # of Diggers/Day		Total # of Days Dug	=	Total Lbs [] or Bu [X]
January	<u>1</u>	X	<u>2</u>	X	<u>31</u>	=	<u>62</u>
February	<u>1</u>		<u>2</u>		<u>28</u>		<u>56</u>
March	<u>1</u>		<u>2</u>		<u>31</u>		<u>62</u>
April	<u>1</u>		<u>2</u>		<u>26c</u>		<u>52</u>
May	<u>1.5</u>		<u>3</u>		<u>31</u>		<u>139.5</u>
June	<u>1.5</u>		<u>3</u>		<u>22c</u>		<u>99</u>
July	<u>2.1</u>		<u>3</u>		<u>31</u>		<u>195.3</u>
August	<u>2</u>		<u>4</u>		<u>31</u>		<u>248</u>
September	<u>2</u>		<u>3</u>		<u>30</u>		<u>180</u>
October	<u>1.5</u>		<u>2</u>		<u>27b</u>		<u>81</u>
November	<u>1</u>		<u>1</u>		<u>30</u>		<u>30</u>
December	<u>1</u>		<u>1</u>		<u>21</u>		<u>21</u>
					TOTAL		<u>1,225.8</u>

Warden(s)**Training Date****Nomination Date**Doug Alexander4/28/0507/01/07

Shellfish Conservation Budget
Municipality: Phippsburg

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident	31	31	\$4,650
Nonresident	4	4	\$1,200
Senior Resident	0	0	\$0
Senior Nonresident	0	0	\$0
Junior/Student Resident	5	4	\$200
Junior/Student Nonresident	0	0	\$0
Other: N/a	0	0	\$0
<i>Recreational</i>			
Resident	600	322	\$3,330
Nonresident	60	54	\$480
Daily/Weekly/Monthly Res.	0	0	\$0
Daily/Weekly/Monthly Nonres.	0	0	\$0
Senior Resident	0	0	\$0
Senior Nonresident	0	0	\$0
Junior/Student Resident	0	0	\$0
Junior/Student Nonresident	0	0	\$0
Other: N/A	0	0	\$0
SUBTOTAL (1)			\$9,860
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$5,246
Funds Raised for Warden			\$4,500
Funds Raised for Management Activities			\$0
Fines			\$0
Other			\$34
SUBTOTAL (2)			\$9,780
TOTAL Receipts (1+2)			\$19,640
Disbursements			
Warden Salary			\$7,158
Mileage			\$3,183
Clothing			\$66
Equipment			\$241
Training			\$25
SUBTOTAL (3)			\$10,673
Advertising			\$82
Supplies			\$0
Surveys			\$0
Seeding			\$0
Miscellaneous			\$918
SUBTOTAL (4)			\$1,000
TOTAL Disbursements (3+4)			\$11,673

Proposed Management Controls

Municipality: Phippsburg

The following management controls will be utilized for the coming year: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☒ limit the number of recreational harvesters
- ☒ restrict times of harvest
- ☒ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

Proposed Shellfish Licenses

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	<u>31</u>	<u>\$150</u>
Nonresident	<u>4</u>	<u>\$300</u>
Senior Resident	<u></u>	<u></u>
Senior Nonresident	<u></u>	<u></u>
Junior/Student Resident	<u>5</u>	<u>\$50</u>
Junior/Student Nonresident	<u>0</u>	<u>\$100</u>
Other	<u></u>	<u></u>
<i>Recreational</i>		
Resident	<u>600</u>	<u>\$15</u>
Nonresident	<u>60</u>	<u>\$20</u>
Daily/Weekly Monthly Res.	<u></u>	<u></u>
Daily/Weekly Monthly Nonres.	<u></u>	<u></u>
Senior Resident	<u></u>	<u></u>
Senior Nonresident	<u></u>	<u></u>
Junior/Student Resident	<u></u>	<u></u>
Junior/Student Nonresident	<u></u>	<u></u>
Other	<u></u>	<u></u>

License number determination is based upon: ☐ calculation using survey data
☒ survey data as a guide
☐ harvester input
☐ need/demand

The above numbers are:

- ☐ tentative, the actual numbers to be determined later
- ☒ firm, have been or will be submitted to DMR

Proposed Management Activities

Municipality: Phippsburg

The following management activities will be undertaken during the coming year: (check all that apply)

- ☒ predator protection through fencing, netting, trapping and etc.
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- ☒ flat surveys to determine size distribution and density
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- ☒ enhance natural seeding through brushing, roughing and etc.
- ☒ establishing conservation areas for flat rotation
- ☐ other:

In order to implement these management activities the committee will utilize: (check all that apply)

- ☒ harvesters vested with conservation credit
- ☒ harvester volunteers
- ☐ paid harvesters
- ☐ municipal employees
- ☐ paid consultants
- ☒ other:

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☐ bimonthly
- ☒ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☐ mailing
- ☒ phone call
- ☒ posting
- ☒ newspaper
- ☒ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☒ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☐ invite the area biologist to attend only specific meetings

Summary of Clam Flat Survey Data**Municipality:** Phippsburg

The following is a list of surveys conducted during the past year. Survey data should be attached if not previously provided to DMR. [] No surveys were conducted.

Clam Flat	Survey Date	Acreage	Density (bu/a)	Standing Crop (bu.)	%>2" by vol.
<i>Baldwin Shore (Atkins)</i>	10/24	3.7	79.8	293	92
<i>The Branch (East Side)</i>	10/24	27.8	4.4	114	89
<i>The Branch (West Side)</i>	10/24	16.1	3	49	92
<i>Ed's Bay (Atkins Bay)</i>	11/4	21.1	31.7	671	64
<i>Hunnewell Cove (Atkins)</i>	10/24	5.3	175.6	928	96
<i>Kelp Shed</i>	10/24	9.4	84.3	794	70
<i>Merle Gilliams Shore</i>	10/24	12.9	20.3	261	92
<i>Morse River</i>	10/24	11	64.9	716	98
<i>Popham Bar (Atkins)</i>	10/24	65.3	70.7	4,617	94
<i>Sprague River</i>	10/24	16.1	12.6	203	96

The flats surveyed represent approximately 25% of the total productive flats.

Summary of Transplant Activities**Municipality:** Phippsburg

The following seeding / reseeding activities were conducted during the past year.

[] No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date	5/5	5/9	10/30	
Supervisor	<i>Richard Lemont</i>	<i>Richard Lemont</i>	<i>Dean Doyle Jr.</i>	
Crew #	26	14	8	
Amount	24 Bu.	9 Bu.	5.5 Bu.	
Mean Size (in.)	1 1/4	1 3/4	3/8	
Size Range (in.)	1/2-1 1/2	1/2-1 1/2	3/16-9/16	
Source	N/A	N/A	N/A	
Source Flat	<i>The Branch</i>	<i>Atkins Bay</i>	<i>North Creek</i>	
Receiv. Flat	<i>The Branch</i>	<i>Atkins Bay</i>	<i>The Basin</i>	
Netted (y/n)	Yes	Yes	No	
Closed until	No	No	<i>Closed until clams are legal</i>	

	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size				
Size Range				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

Summary of Conservation Closures

Municipality: Phippsburg

The following is a list of conservation closures implemented or in effect during the past year.
(This table is for areas normally open.) ☐ No conservation areas were closed.

Conservation Area	Acreage	Closing Date	Opening Date	Days Closed*	Reason
<i>Outside Mill Dam</i>	<i>10</i>	<i>10/30</i>	<i>N/A</i>	<i>62</i>	<i>Reseeding</i>

*during 2007

Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.
(This table is for areas normally closed.) ☒ No conservation areas were opened.

Conservation Area	Acreage	Opening Date	Closing Date	Days Open*	Reason

*during 2007

Additional Activities

Municipality: Phippsburg

Spatfall Enhancement

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting. ☐ No such activities were conducted.

Location	Date	Description
<i>Atkins Bay</i>	<i>6/15</i>	<i>Pastic mesh net deployment.</i>
<i>Kelp Shed</i>	<i>6/15</i>	<i>Pastic mesh net deployment.</i>
<i>Lobster House Cove</i>	<i>6/15</i>	<i>Pastic mesh net deployment.</i>

Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting. ☐ No such activities were conducted.

Location	Date	Description
<i>Atkins Bay</i>	<i>6/15</i>	<i>Pastic mesh net deployment.</i>
<i>Kelp Shed</i>	<i>6/15</i>	<i>Pastic mesh net deployment.</i>
<i>Lobster House Cove</i>	<i>6/15</i>	<i>Pastic mesh net deployment.</i>

Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup. ☐ No such activities were conducted.

Location	Date	Description
<i>Rockport</i>	<i>3/1</i>	<i>Fishermen's Forum</i>